

HX11KG4081G SPST Switch

1. Description

ID	Items	Specifications
1-1	Type	Reflective SPST Switch
1-2	Frequency Range	DC ~ 8GHz
1-3	Isolation	≥60dB@DC ~ 1.4GHz ≥50dB@1.4 ~ 4.0GHz ≥40dB@4.0 ~ 8.0GHz
1-4	Insertion Loss	≤0.8dB@DC ~ 1.4GHz ≤1.6dB@1.4 ~ 8.0GHz
1-5	VSWR	≤1.5
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤50ns
1-9	Input/Output Connectors	SMA-F
1-10	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-11	DC Power Supply	+5V/≤15mA

2. Environmental Specifications

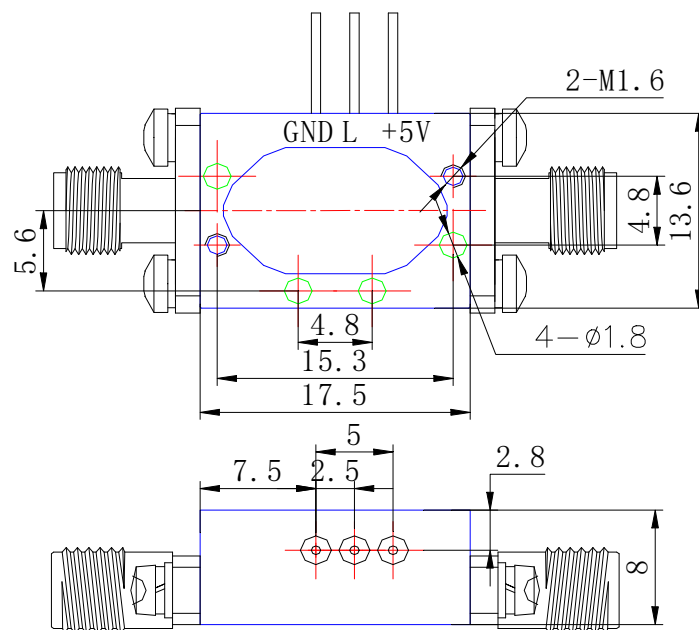
ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

3. Truth Table

ID	L	Signal Path State
3-1	1	J0→J1 on
	0	J0→J1 off

4. Outline Drawing

ID	Items	Specifications
4-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm		



4-2	Material	Aluminum
4-3	Finished	Natural Color
4-4	Weight	$\leq 10\text{g}$

NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.